

Appointment

From: Burdett, Cheryl [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E8F84378969242DBA5EB260C1CC89FB8-CBURDETT]
Sent: 4/18/2018 7:00:28 PM
To: Burdett, Cheryl [burdett.cheryl@epa.gov]
Subject: Procedures for colleR5Metcalf-ConfRm-R1507X/R5-Metcalf-15th-Floor <R5Metcalf-ConfRm-R1507X-R5-Metcalf-15th-Floor@epa.gov>ction of Samples and safety measures for GeoProbe
Start: 4/19/2018 5:30:00 PM
End: 4/19/2018 7:00:00 PM
Show Time As: Free

Ex. 6 Personal Privacy (PP)

Provide details on how the geo-probe will work:

Thickness of the aquifer – mirror what the facility has done - upper quarter 10 feet - farther down feet. Total depth Best we can do

Test water as we go – How the water is actually collected and most efficient way to collect sample

Check valve and piece of tubing – bulb check valve at the bottom of the tubing – start a boring you push at the bottom of the boring – collect at different intervals – 3 intervals and pick the two highest ones –

Up-gradient very low readings just pick predetermined depths. If there some sort of stratification is all that water mixed together. As you pull back up open ended straw it is not sealed – Water within the glass is an homogenous mixture. Total soluble – 4 foot interval purge between 1 gallon per purge – following the next location.

25 gallon tank – source to fill out the water – Don't have a site per well. Clean water - 1 in the middle of the day. All sand – 1 tank per day. Decon the probe and equipment purge in-between samples and when we pull the first sample an purge and then sample again.

15 per day – usually a day –

15 gallons of check valves and blanks

1. How often will hose need to be changed for collection of samples (each location or each sample site) -
2. Do you need a Region 5 person to help with the geo-probe – 1 person
3. How long should you purge the hose prior to collecting the samples
4. How do we determine the depths to collect the samples there a standard amount of bentonite per depth of hole
5. Safety protocol around the geo-probe
 - a. Hard Hat
 - b. Steel Toe boots
 - c. Orange cones

Ice –

Going Diesel – Gas containers concur – diesel costs to our PR. Ice , dissolved samples – suspension – particulates – dissolved

Bentonite – finer grain is better with the holes – kitty litter – it usually - Hotels – Block room Reserve Hotels for standard rooms – its like it is easier to It fills back into sand 15 bags –

Average depths of the wells and the average depths of the contaminated wells.

Field